



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RBT400213-9**  
**Job Sheet 189143**



**Part No:** RBT400213-9

**Job Qty:** 20 pcs

**Part Name:** Pointer



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 1/18/19

**Job Tracking No:**

**Due Date:** 2/22/19

**Created By:** Marie Lajeunesse

**Type:** Stock

**Description:**

**Note:** DWG RBT400213 Rev F IPP Rev A 17.11.27 New issue DP Verify DD/IPP Rev B 18.03.08 DWG update Rev. F DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op<br>No | Operation           | Qty    | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off |
|----------|---------------------|--------|------------|-------------|--------------|------------|-----------------------|-----------|----------|
|          |                     |        |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |          |
| 110      | Waterjet - Omax - 1 | 20 pcs | 2/22/19    | 2/22/19     | 0.00         | 1.00       | Waterjet - Omax       |           | 19/02/20 |
| 120      | QC 2                | 20 pcs | 2/22/19    | 2/22/19     | 0.00         | 0.00       | QC 2 - 1              |           |          |
|          |                     |        |            |             |              |            | QC 2 - 12             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 14             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 17             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 19             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 2              |           |          |
|          |                     |        |            |             |              |            | QC 2 - 20             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 22             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 23             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 25             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 32             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 33             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 35             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 38             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 39             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 4              |           |          |
|          |                     |        |            |             |              |            | QC 2 - 40             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 44             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 45             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 48             |           | 19/02/20 |
|          |                     |        |            |             |              |            | QC 2 - 49             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 50             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 51             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 52             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 54             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 56             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 57             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 62             |           |          |
|          |                     |        |            |             |              |            | QC 2 - 63             |           |          |

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|                                 |        |         |           |                        |      |
|---------------------------------|--------|---------|-----------|------------------------|------|
| 130 QC 8                        | 20 pcs | 2/22/19 | 0.00 0.00 | QC 2 - 8               |      |
|                                 |        |         |           | QC 8 - 12              |      |
|                                 |        |         |           | QC 8 - 14              |      |
|                                 |        |         |           | QC 8 - 17              |      |
|                                 |        |         |           | QC 8 - 20              |      |
|                                 |        |         |           | QC 8 - 25              |      |
|                                 |        |         |           | QC 8 - 3               |      |
|                                 |        |         |           | QC 8 - 32              |      |
|                                 |        |         |           | QC 8 - 33              |      |
|                                 |        |         |           | QC 8 - 35              |      |
|                                 |        |         |           | QC 8 - 38              |      |
|                                 |        |         |           | QC 8 - 39              |      |
|                                 |        |         |           | QC 8 - 4               |      |
|                                 |        |         |           | QC 8 - 44              |      |
|                                 |        |         |           | QC 8 - 45              |      |
|                                 |        |         |           | QC 8 - 49              |      |
|                                 |        |         |           | QC 8 - 58              |      |
|                                 |        |         |           | QC 8 - 8               | DAS  |
|                                 |        |         |           | QC 8 - 9               | 40   |
|                                 |        |         |           | QC 8 - 68              | 9-89 |
|                                 |        |         |           | QC 8 - 67              |      |
|                                 |        |         |           | QC 8 - 1 (A)           |      |
| 140 QC 5                        | 20 pcs | 2/22/19 | 0.00 0.00 | QC 5 - 10              |      |
|                                 |        |         |           | QC 5 - 12              |      |
|                                 |        |         |           | QC 5 - 17              |      |
|                                 |        |         |           | QC 5 - 18              |      |
|                                 |        |         |           | QC 5 - 19              |      |
|                                 |        |         |           | QC 5 - 22              |      |
|                                 |        |         |           | QC 5 - 24              |      |
|                                 |        |         |           | QC 5 - 3               |      |
|                                 |        |         |           | QC 5 - 38              |      |
|                                 |        |         |           | QC 5 - 42              |      |
|                                 |        |         |           | QC 5 - 43              |      |
|                                 |        |         |           | QC 5 - 49              |      |
|                                 |        |         |           | QC 5 - 51              |      |
|                                 |        |         |           | QC 5 - 58              |      |
|                                 |        |         |           | QC 5 - 68              |      |
|                                 |        |         |           | QC 5 - 9               |      |
|                                 |        |         |           | QC 5 - 50              |      |
|                                 |        |         |           | QC 5 - 30              |      |
|                                 |        |         |           |                        |      |
| 150 Packaging 3-1 - Stock - B4B | 20 pcs | 2/22/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 2 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 3 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 4 - B4B  | DAS  |
|                                 |        |         |           | Packaging 3 - 5 - B4B  | 28   |
|                                 |        |         |           | Packaging 3 - 6 - B4B  | 9-89 |
|                                 |        |         |           | Packaging 3 - 7 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 8 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 9 - B4B  |      |
|                                 |        |         |           | Packaging 3 - 10 - B4B |      |
|                                 |        |         |           | Packaging 3 - 11 - B4B |      |
|                                 |        |         |           | Packaging 3 - 12 - B4B |      |
|                                 |        |         |           | Packaging 3 - 13 - B4B |      |
|                                 |        |         |           | Packaging 3 - 14 - B4B |      |
|                                 |        |         |           | Packaging 3 - 15 - B4B |      |
|                                 |        |         |           | Packaging 3 - 16 - B4B |      |
|                                 |        |         |           | Packaging 3 - 17 - B4B |      |
|                                 |        |         |           | Packaging 3 - 18 - B4B |      |
|                                 |        |         |           | Packaging 3 - 19 - B4B |      |

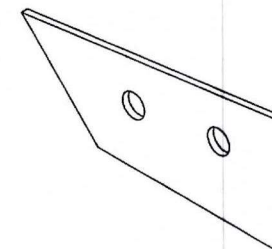
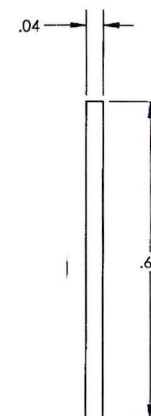
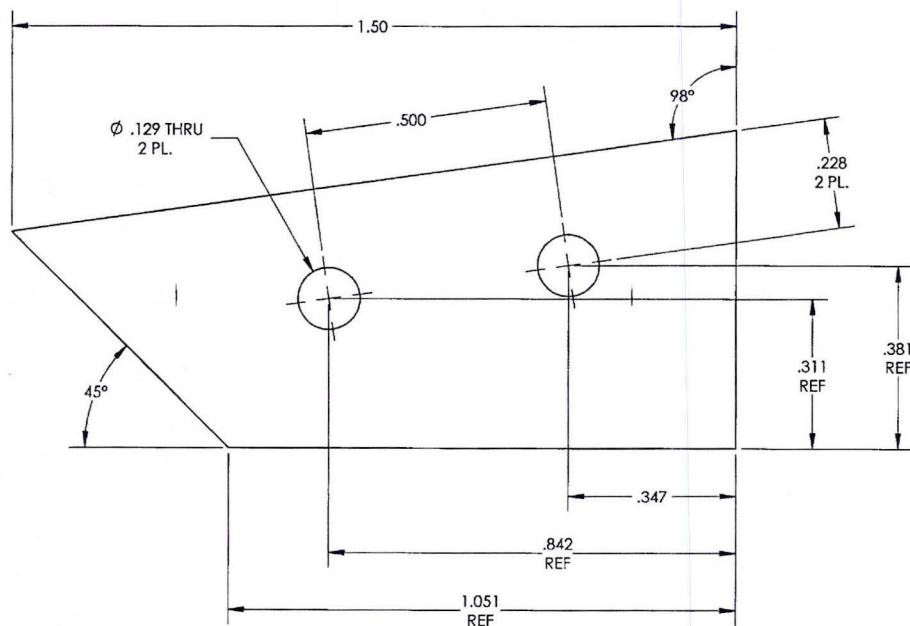
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         |                        |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------|------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 20 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 21 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 22 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 23 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 24 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 25 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 26 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 27 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 28 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 29 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 30 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 31 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 32 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 33 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 34 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 35 - B4B |                   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         | Packaging 3 - 36 - B4B |                   |
| 160                                                                                                                                                                                                                                                                                                                                                                            | QC 21 - SA            | 20 pcs             | 2/22/19                 | 0.00 0.00              | QC 21 - SA - 21   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         |                        | QC 21 - SA - 70   |
|                                                                                                                                                                                                                                                                                                                                                                                |                       |                    |                         |                        | DAS<br>21<br>2-88 |
| Part Op 110 - 1-Cut as per Dwg Dwg Rev: <u>F</u> Prog Rev: <u>F</u> 2-Deburr if necessary<br>Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)<br>130 - (QC8- Inspect parts - second check)<br>140 - (QC5- Inspect part completeness to step on W/O)<br>150 - (Identify as per dwg & Stock Location: _____)<br>160 - (QC21- Final Inspection - Work Order Release) |                       |                    |                         |                        |                   |
| MAR 01 2019                                                                                                                                                                                                                                                                                                                                                                    |                       |                    |                         |                        |                   |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                 |                       |                    |                         |                        |                   |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                             | <b>Component Name</b> | <b>Quantity</b>    | <b>Operation</b>        |                        | <b>Container</b>  |
| M304S20GA                                                                                                                                                                                                                                                                                                                                                                      | 304/316 .040 Sheet    | .1400 sf (.007 ea) | 110-Waterjet - Omax - 1 |                        |                   |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                         |                       |                    |                         |                        |                   |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                               | <b>Component Part</b> | <b>Required</b>    | <b>Inventory</b>        | <b>Allocated</b>       |                   |
| 110-Waterjet - Omax - 1                                                                                                                                                                                                                                                                                                                                                        | M304S20GA             | 0                  | 139                     | 0                      |                   |
| <b>Part Specifications</b>                                                                                                                                                                                                                                                                                                                                                     |                       |                    |                         |                        |                   |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                             |                       |                    |                         |                        |                   |

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| REV. | DESCRIPTION                                          | ECN #  | DATE     | BY | APPROVED |
|------|------------------------------------------------------|--------|----------|----|----------|
| F    | DRILL HOLE .128 CHANGED FOR STANDARD DRILL SIZE .129 | 17-797 | 17.12.21 | VM | ML       |



RBT400213-9 POINTER

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 189143 ML  
190121

- NOTES:
- 1) MATERIAL: AISI 304/316 SS
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) SPEC: N/A
  - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
  - 6) IDENTIFICATION: N/A

|                                                                                                                                                                                                                                      |               |                                                                                                                               |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>DART</b><br>AEROSPACE                                                                                                                                                                                                             |               | Hewesbury, Ontario, Canada                                                                                                    |                 |
| <b>POINTER</b>                                                                                                                                                                                                                       |               |                                                                                                                               |                 |
| PART NO.                                                                                                                                                                                                                             |               | REV                                                                                                                           |                 |
| RBT400213-9                                                                                                                                                                                                                          |               | F                                                                                                                             |                 |
| TOOL NO.                                                                                                                                                                                                                             |               | UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>INTERPRET FOR ASME Y14.5M-2009<br>DIMENSIONS APPLY AFTER FINISHING |                 |
| INITIALS AND DATE                                                                                                                                                                                                                    |               |                                                                                                                               |                 |
| DESIGNED BY:                                                                                                                                                                                                                         | VM 12/21/2017 | TOLERANCE:                                                                                                                    | FRACTIONS ± 1/8 |
| DRAWN BY:                                                                                                                                                                                                                            | VM 01/02/2018 | XXX ± .005                                                                                                                    | ANGLES ± .5°    |
| CHECKED BY:                                                                                                                                                                                                                          | VM 01/02/2018 | XX ± .01                                                                                                                      | SURFACE         |
| MFG REVIEW BY:                                                                                                                                                                                                                       | DD 01/02/2018 | X ± .1                                                                                                                        | ROUGHNESS       |
| APPROVED BY:                                                                                                                                                                                                                         | ML 01/30/2018 | SCALE: NTS                                                                                                                    | SHEET 7 OF 7    |
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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

**Container No: S156983**



**Part: RBT400213-9**

**Job No: 189143**

**Serial No/Batch: S156983**

**Revision: F**

**Inspector:**

**Exp Date:**

**Instructions:**

**Date: 02/27/19**